WE CLAIM:

1. A device model agent (DMA) provision method comprising:

providing a core device model;

providing at least one interface to an operating system of a device; and

providing a service environment in which services for the device can run.

2. The method of claim 1 further comprising providing a service manager.

3. The method of claim 1 further comprising providing an object manager.

4. The method of claim 1 further comprising providing a user interface with which a user controls the DMA.

5. The method of claim 4 wherein the user interface is provided by a service manager.

6. The method of claim 1 wherein providing a service environment comprises:

running a service environment in a host application on a server;

providing the service environment with contact information of the device for which a

service is to run; and

providing a communications medium through which the service environment can

communicate with the device, the communications medium and a

protocol being compatible with the device.

7. The method of claim 1 wherein providing a core device model comprises:

running a core device model for the device in a host application on a server;

providing the core device model with contact information of the device for which the core device model runs; and

providing a communications medium through which the core device model can communicate with the device, the communications medium and a protocol being compatible with the device.

8. The method of claim 1 wherein providing a core device model comprises:

providing an add-on component, running a core device model for the device in the add-on component;

and connecting the add-on component to the device for which the core device model runs.

9. The method of claim 1 wherein providing a service environment comprises running a service environment on the add-on component.

10. In a device including an operating system, a network connection, a device runtime environment, and a web server running in the device runtime environment, a device services provision method comprising:

providing a device model agent in the device runtime environment;

providing in the device model agent a services environment;

providing at least one service that can run in the services environment, the at least one service creating a services layer when running;

providing in the device model agent a core device model;

providing in the core device model a service manager performing a service management method comprising:

loading the at least one service;

unloading the at least one service; and

managing the at least one service; and

providing in the device model agent a device interface in communication with at least one API of the device operating system.

11. In a device model agent (DMA) comprising at least one device interface, a service environment, and a core device model including a service manager, a DMA operation method comprising:

booting the DMA;

starting the service manager;

loading core services with the service manager; and

checking with a service supplier;

receiving service configuration;

interpreting and processing service configuration parameters;

loading and starting subscribed services; and

initiating a loop in the service manager comprising:

checking with a service supplier;

receiving service configuration;

interpreting and processing service configuration parameters;

loading and starting newly subscribed services;

stopping and unloading newly unsubscribe services; and

monitoring services.

12. In a device model agent (DMA) comprising at least one device interface, a service environment, and a core device model including a service manager, a DMA operation method comprising:

> providing a user interface;
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> presenting a user with a list of available services;
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> allowing the user to select a service;
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> allowing the user to customize a service; and
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> ordering a service.